

Technical - Information

AVCO-PRINTFIX LQ

CROSS LINKING AGENT FOR PIGMENT PRINTING

AVCO-PRINTFIX LQ is a cross-linking agent, mainly used to improve the wet fastness of fabrics printed with pigments. The product contains in its molecule several reactive sites, that can bond together the binder polymer chains and the textiles fibres.

AVCO-PRINTFIX LQ reacts only at elevated temperatures in the presence of acidic catalyst, and cannot cause any blocking of screens during printing process.

SPECIFICATIONS:

Appearance	Clear, colourless, slightly viscous liquid.
Chemical nature	Blend of highly etherified methylol melamine compound and solubilizers.
Ionicity	Nonionic.
Solubility	Not soluble in water, can be dissolved in organic solvents and alcohols.
Compatibility	Is not resistant to acids and to strong alkalis.
Storage	Do not store in direct sun and in hot places. stable for at least 12 months.

PROPERTIES & USES:

1. AVCO-PRINTFIX LQ is used in combination with self-linking textile binders, such as AVCO-BINDER SPC, to improve the wet fastness of pigment prints on fabrics made from synthetic fibres, cellulosic fibres and blends.
2. AVCO-PRINTFIX LQ does not impair the shelf life of the ready made printing pastes, or affect their running properties. It is necessary to ensure that the pH of the printing paste should be 7 - 8 when a long storage time is needed.
3. AVCO-PRINTFIX LQ is a concentrated product.
4. AVCO-PRINTFIX LQ is a liquid product, and can be used in an automatic colour kitchen.
5. AVCO-PRINTFIX LQ is a non-yellowing product which does not affect the colour of the printing pigments.

APPLICATION:

1. AVCO-PRINTFIX LQ is applied under the normal processing conditions of pigment printing, with white spirit emulsion or without white spirit. It is used at a concentration of 3 - 12g/kg,

Technical - Information

depends on amount of the binder and type of the substrate. For 100% synthetics amount of AVCO-PRINTFIX LQ should be increased.

2. AVCO-PRINTFIX LQ should be added to the stock thickening or directly to the printing paste by means of an high speed mixer, after the thickener was incorporated.
3. Aqueous printing paste containing AVCO-PRINTFIX LQ can be stored for a long time, providing that the pH of the paste is maintained in the range of 6.5 - 7.5.